

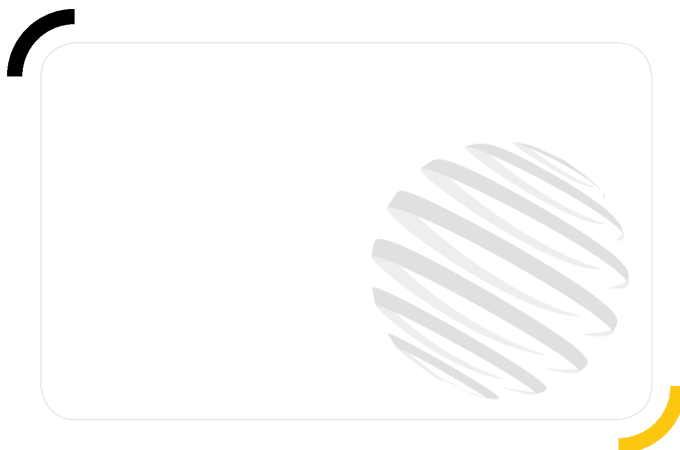
AL140

AL/ALT



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Capacities		Metric	Imperial
Static tipping load with bucket (straight)		875 kg	1929 lb
Static tipping load with bucket (full turn)		702 kg	1548 lb
Static tipping load with forks (straight)		666 kg	1468 lb
Static tipping load with forks (full turn)		523 kg	1153 lb
Max. height of bucket pivot point	h35	2.71 m	8 ft 11 in
Max. lifting height (below forks)	h3	2.50 m	8 ft 2 in
Reach at max. height		3.28 m	10 ft 9 in
Breakout force with bucket		1080 daN	1080 daN
Static tipping load with bucket - Full turn with 4-post canopy		702 kg	1548 lb
Static tipping load with pallet forks - Straight with 4-post canopy		666 kg	1468 lb
Static tipping load with pallet forks - Full turn with 4-post canopy		523 kg	1153 lb
Static tipping load with bucket - Straight with 4-post canopy		875 kg	1929 lb
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		1744 kg	3845 lb
Wheelbase	y	1.35 m	4 ft 5 in
Overall width of 4 posts canopy	b22	0.79 m	2 ft 7 in
Overall height with 4 posts canopy	h38	2.34 m	7 ft 8 in
Tilt-up angle	a4	40 °	40 °
Tilt-down angle	a5	45 °	45 °
External turning radius (over tyres)	Wa1	2.10 m	6 ft 11 in
Articulation angle	a19	45 °	45 °
Overall width less bucket	b1	0.90 m	2 ft 11 in
Overall length - Less Bucket	l2	2.74 m	9 ft
Standard tires		Mitas - As Farmer - 7 00 12	Mitas - As Farmer - 7 00 12
Ground clearance	m4	0.19 m	7 in
Engine			
Engine brand		Yanmar	Yanmar
Engine model		3TNV76	3TNV76
Engine norm		Stage IIIA	Stage IIIA
Number of cylinders / Capacity of cylinders		3 - 1100 cm³	3 - 67 in³
I.C. Engine power rating / Power		23.90 Hp / 17.80 kW	23.90 Hp / 17.80 kW
Max. torque / Engine rotation		65.60 Nm / 2800 rpm	48 ft/lbs / 2800 rpm
Engine cooling system		2 radiators water + hydraulic oil	2 radiators water + hydraulic oil
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		1 / 1	1 / 1
Max. travel speed (may vary according to applicable regulations)		13 km/h	8 mph
Travel speed (laden)		12.50 km/h	8 mph
Differential lock		Limited slip differential on front and rear axles	Limited slip differential on front and rear axles
Parking brake		Manual	Manual
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		30 l/min / 207 bar	8 US gpm / 3002 PSI
Drive hydraulic system pressure		320 bar	4641 PSI
Tank capacities			
Hydraulic oil		34 l	9 US gal
Fuel tank		26 l	7 US gal
Noise and vibration			
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Safety cab homologation		ROPS - FOPS level 1 cab	ROPS - FOPS level 1 cab



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